

FIG. 1

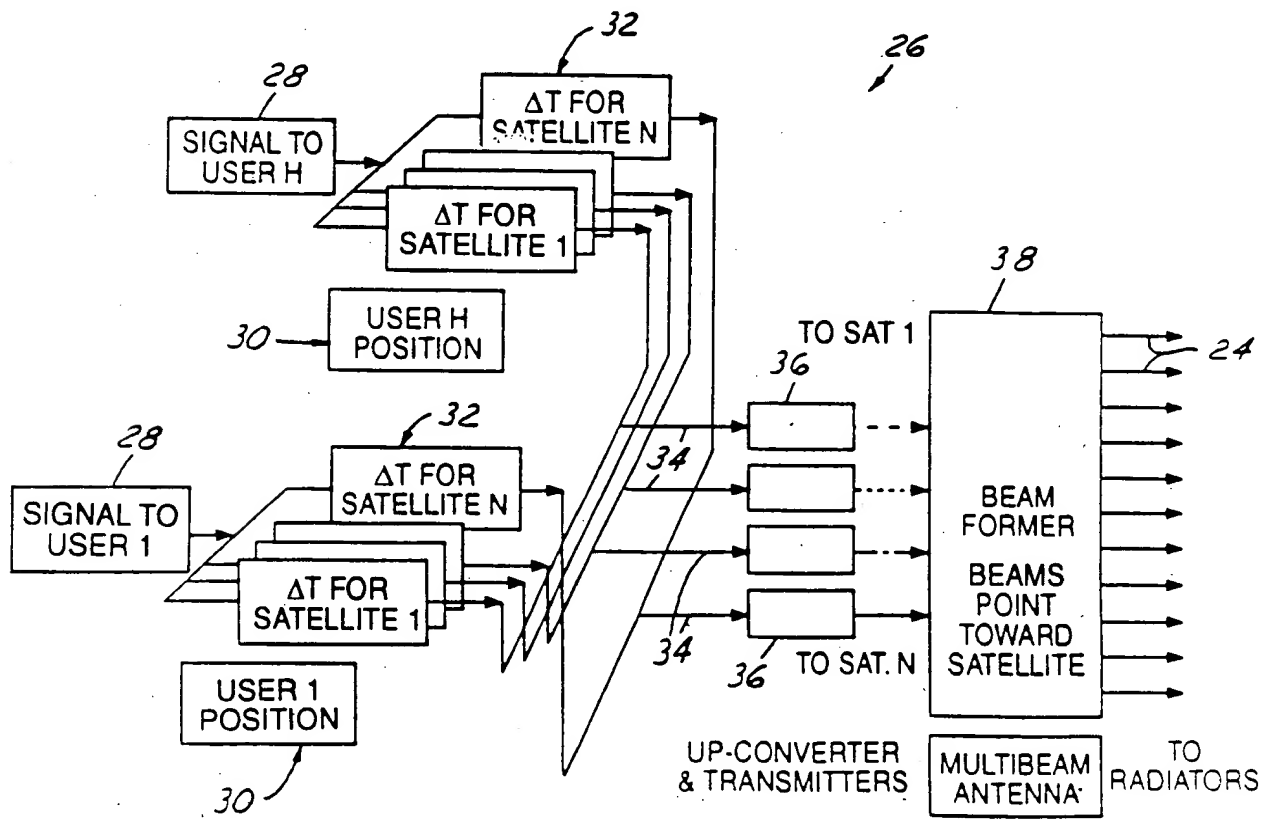


FIG. 2

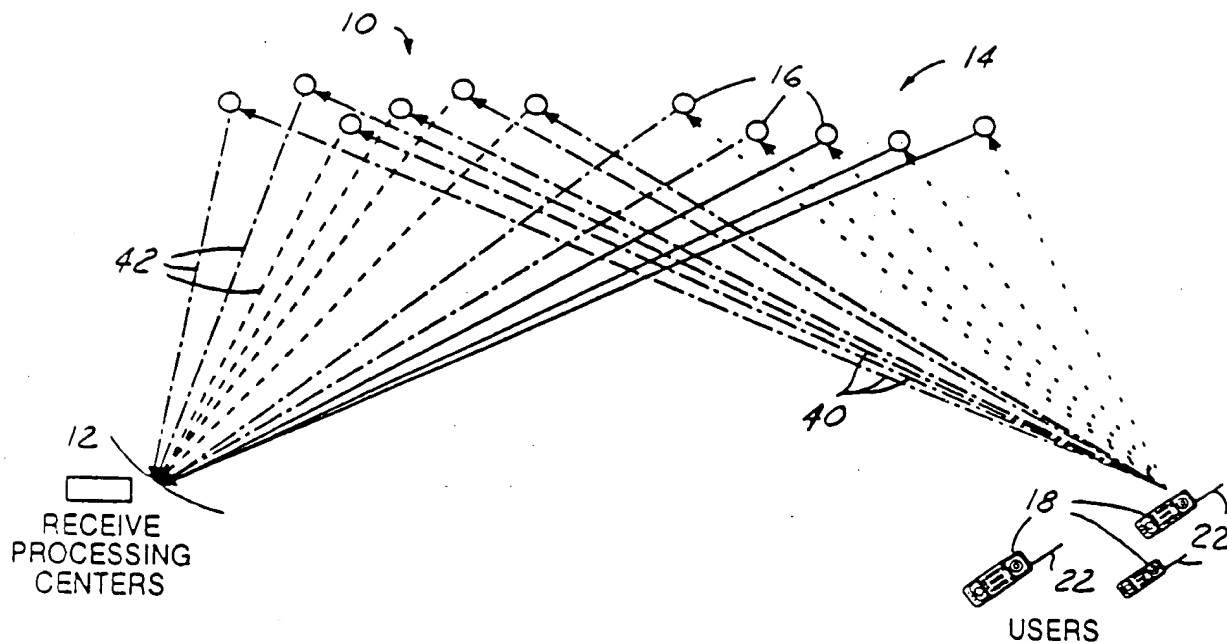


FIG. 3

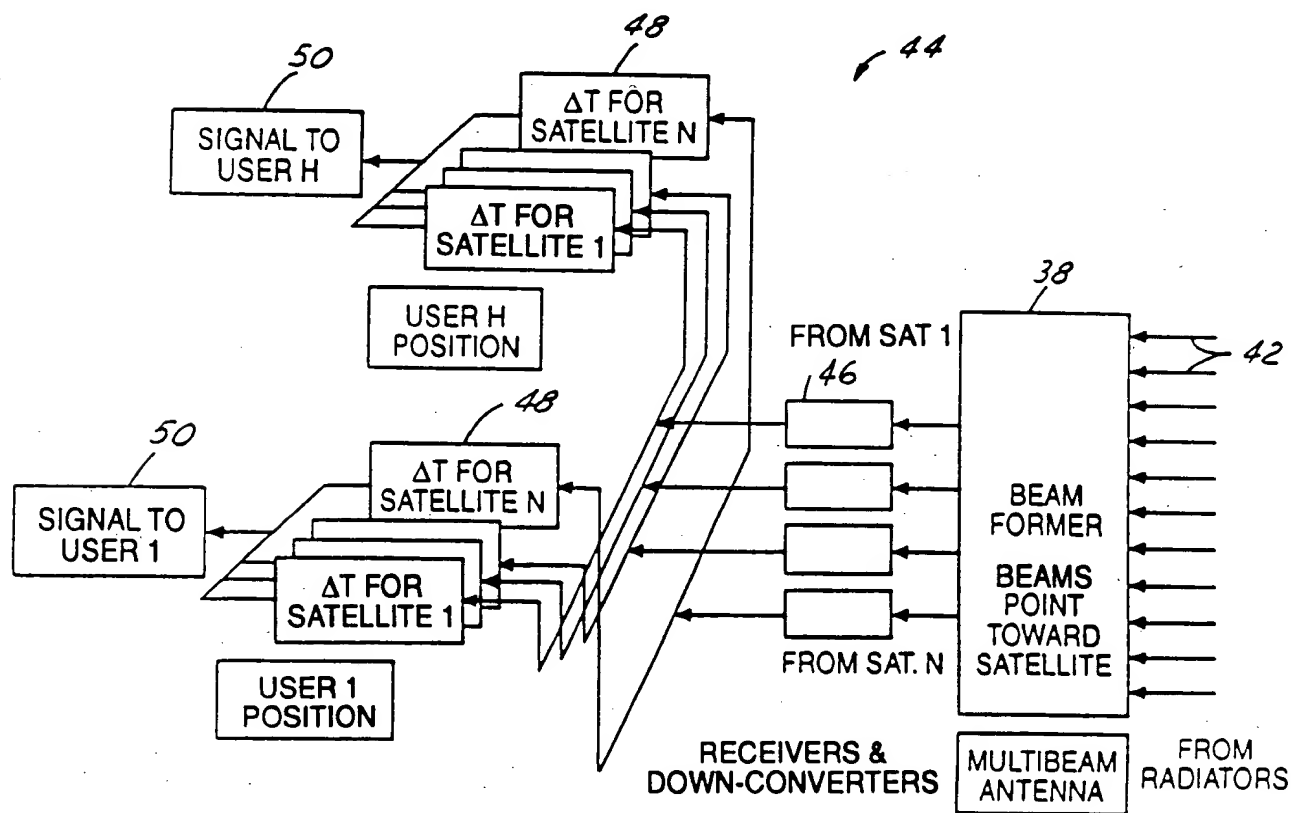


FIG. 4

HUB SEGMENT

PATH DIFFERENTIAL USER POSITIONING

► PRE-PROCESSING
FWD BEAMFORMING

HUB
PROCESSING

POST PROCESSING RTN BEAMFORMING

CALIBRATION & TRACKING

54

SPACE SEGMENT

56

USER SEGMENT

SATELLITES

USERS

FIG. 5

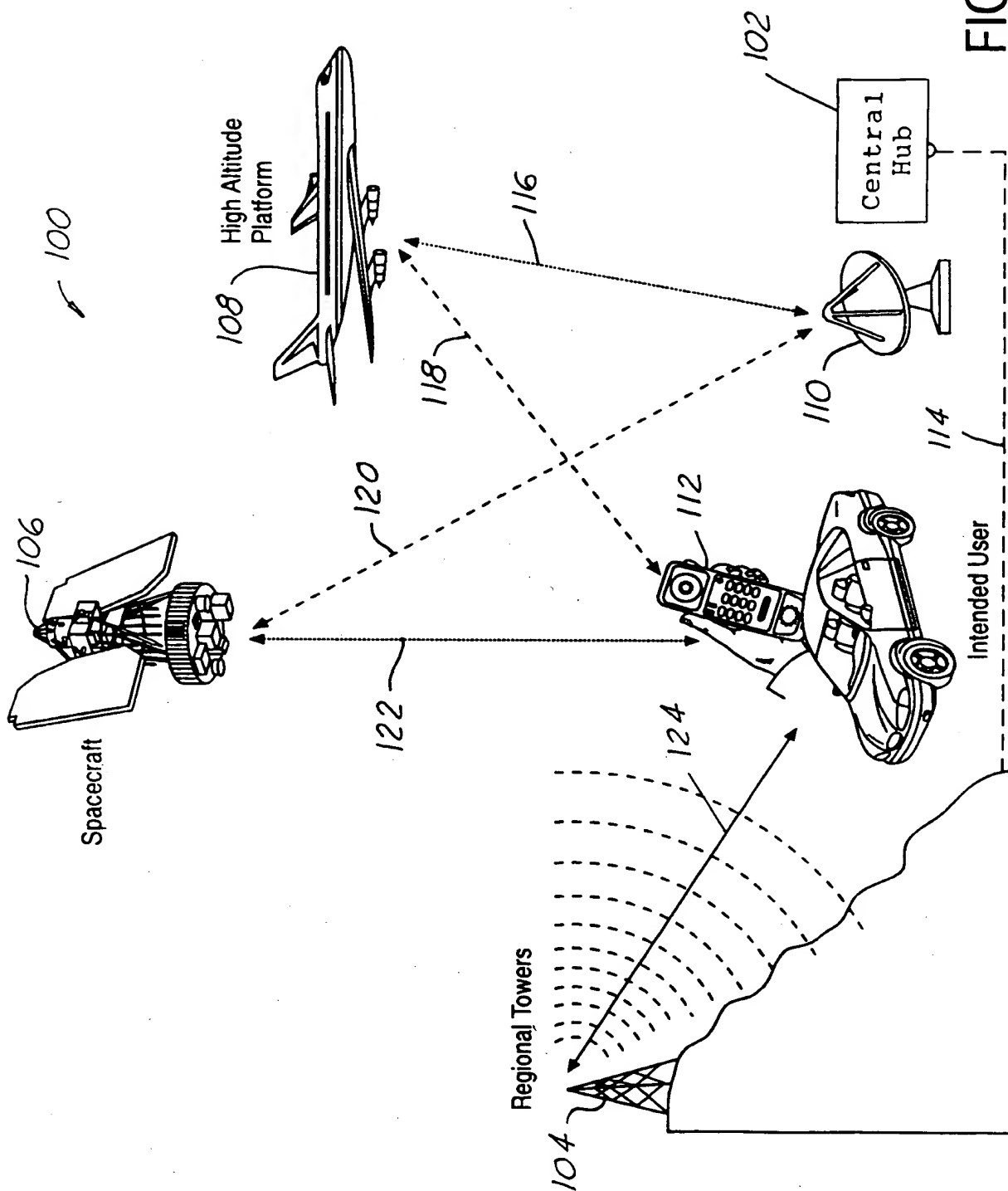


FIG. 6